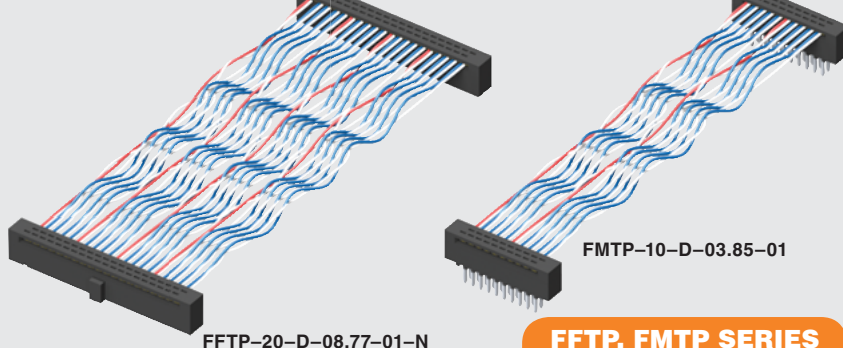




(1,27 mm) .050"



FFTP-20-D-08.77-01-N

FFTP-10-D-03.85-01

FFTP, FMTP SERIES

# TIGER EYE™ TWISTED PAIR IDC CABLES

**FFTP Mates with:**  
FTS, FTSH, EHF, SHF

**FMTP Mates with:**  
FLE\*, SFMC\*

## SPECIFICATIONS

For complete specifications see [www.samtec.com?FFTP](http://www.samtec.com?FFTP) or [www.samtec.com?FMTP](http://www.samtec.com?FMTP)

### Insulator Material:

PBT

### Contact (FFTP):

BeCu

### Terminal (FMTP):

Phosphor Bronze

### Plating (FFTP):

10μ" (0,25 μm)

Au over 50μ" (1,27 μm)

Ni on contact area; Sn over 50μ" (1,27 μm) Ni on balance

### Plating (FMTP):

Sn over 50μ" (1,27 μm) Ni

### Wire:

30 AWG 7/38,

Tinned, Twisted Pair

with PVC insulator

### Operating Temp Range:

-40°C to +105°C

### Lead Size Accepted:

(0,41 mm) .016" SQ

### Contact Resistance:

15 mΩ

### Insertion Depth (FFTP):

(2,64 mm) .104" to

(3,17 mm) .125"

### Insertion Force (FFTP):

(Single contact only)

5 oz (1,39 N) avg.

### Withdrawal Force (FFTP):

(Single contact only)

3 oz (0,83 N) avg.

### RoHS Compliant:

Yes

## RECOGNITIONS

For complete scope of recognitions see [www.samtec.com/quality](http://www.samtec.com/quality)



FILE NO. E111594

## ALSO AVAILABLE (MOQ Required)

- Other sizes
  - Other cable lengths
- Contact Samtec.

**\*Note:** Standard FMTP callout will not mate with FLE, SFMC. Must use gold plated callouts. (See drawing on web.)  
When mated with a socket, Wire 1 mates with Pin 2; Wire 2 mates with Pin 1, etc.

**Note:** This Series is non-standard, non-returnable.

| FFTP | PINS PER ROW                                          | END ASSEMBLY       | ASSEMBLY LENGTH                                                                                                       | 01 | N                                     | OPTION                    |
|------|-------------------------------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------|----|---------------------------------------|---------------------------|
|      | -05, -08, -10, -13, -17, -20, -25<br>(Standard sizes) | -D<br>= Double End | -03.85<br>= (97,79 mm) 3.85"<br>-08.77<br>= (222,76 mm) 8.77"<br>-18.00<br>= (457,20 mm) 18.00"<br>(Standard Lengths) |    | -N<br>= Notch Polarization (Standard) | -R<br>= Reverse Connector |

| FFTP            |                            |
|-----------------|----------------------------|
| Cable Length    | Rated @ 7dB Insertion Loss |
|                 | -SE                        |
| 3.85" (97,8 mm) | 2.0 GHz / 4.00 Gbps        |

Performance data for other cable lengths and complete test data available at [www.samtec.com?FFTP](http://www.samtec.com?FFTP) or contact [sig@samtec.com](mailto:sig@samtec.com)

| FMTP | PINS PER ROW                                          | END ASSEMBLY                               | ASSEMBLY LENGTH                                                                                                       | 01 | TRANSFER OPTION                                                                                   | OPTION                    |
|------|-------------------------------------------------------|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|----|---------------------------------------------------------------------------------------------------|---------------------------|
|      | -05, -08, -10, -13, -17, -20, -25<br>(Standard sizes) | -D<br>= Double End<br>-T<br>= Transfer End | -03.85<br>= (97,79 mm) 3.85"<br>-08.77<br>= (222,76 mm) 8.77"<br>-18.00<br>= (457,20 mm) 18.00"<br>(Standard Lengths) |    | Leave blank for -D End Assembly. For -T End Assembly Specify "-N" (Socket has notch polarization) | -R<br>= Reverse Connector |